

Termination, Chip

Frequency Range: DC to 3.0 GHz, Power: 150 Watts

Model CC00GAV01

Legacy Model: KAC375-250AG



Features

- High Power
- Thick Film Design
- Low VSWR
- Optimized for Heat Sink Mount

This high power device is designed to dissipate power in RF circuits when mounted to an appropriate heat sink. The terminations provide a low VSWR under maximum power conditions.

Technical Specifications

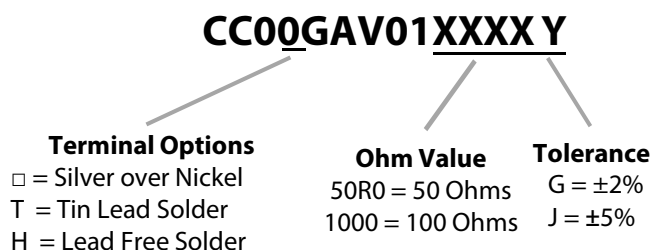
Parameter	Value
Frequency Range	DC to 3.0 GHz
Impedance	50 \pm 5% Standard
Power Handling*	150 Watts Avg. Derated Linearly to 0 Watts @ +150°C
VSWR	1.10:1 Max.
Temperature Range	-55°C to +150°C

Material

Feature	Material
Substrate	Aluminum Nitride
Resistor Material	Proprietary Thick Film
Terminal Finish	Silver– (See “How to Order” for tinning & other options)

*Mounting surfaces shall not exceed 100°C. Max.

How to Order

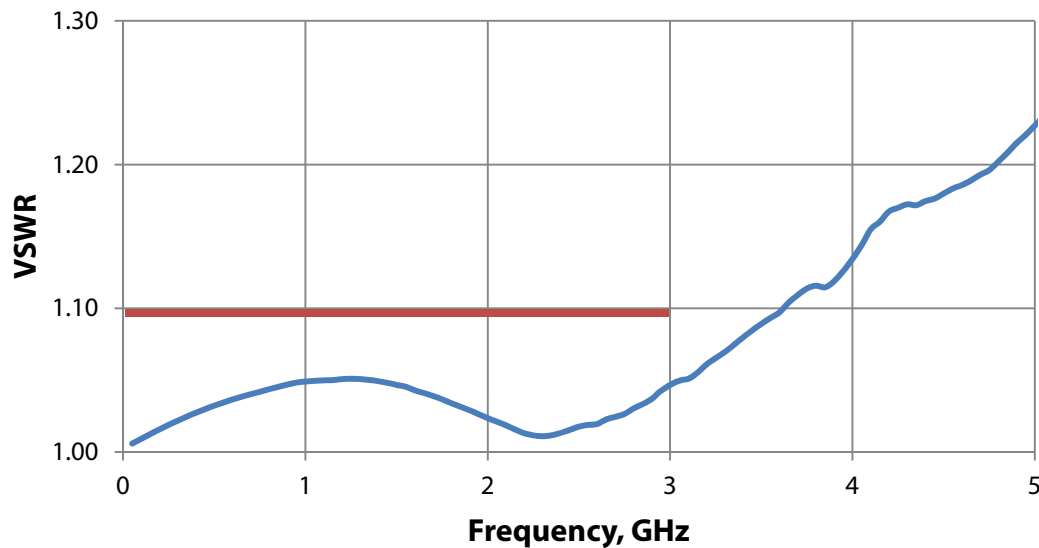


Performance Characteristics

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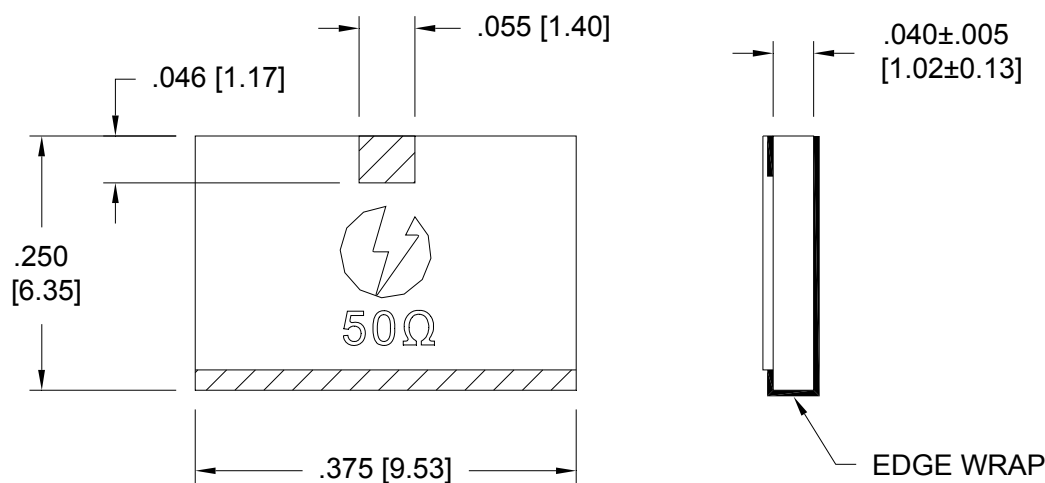
Typical Performance



Physical Dimensions

Model Number: KAC375-250AG-50R0J shown

Tolerance: .XXX" - ± 0.010 "



Note: Dimensions in Brackets [] are expressed in Millimeters and are for reference only

sales@am.spectrumcontrol.com

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Spectrum Control reserves the right to make changes to datasheets at any time without notice.

